

ABSTRACT:

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The present invention relates to a fuel ^{cell}battery 20A in which fuel gas and oxidizing agent gas are used as reaction gases and relates to a separator 26 for the fuel ^{cell}battery 20A and a manufacturing method of the separator 26. The separator 26 is composed of a flat plate 26a arranged in the fuel ^{cell}battery 20A to form a reaction chamber therein and a plurality of projections 26b projected from the flat plate 26a and placed in contact with electrode plates 25a, 25b. The projections 26b are made of a different kind of conductive material independently from the flat plate 26a. For example, the projections 26b each are in the form of a conductive pillar body made of pressed carbon powder and assembled with a plurality of mounting holes formed in the flat plate 26a to provide the separator 26. The separator 26 can be provided at a lower cost than a conventional separator made of carbon in its entirety. The fuel ^{cell}battery 20A assembled therein with a plurality of the separators 26 can be provided at a lower cost than a conventional fuel ^{cell}battery of this kind.